



US Drives Inc.  
2221 Niagara Falls Boulevard  
P.O. Box 281  
Niagara Falls, NY 14304-0281  
Tel: (716) 731-1606 Fax: (716) 731-1524  
Visit us at [www.usdrivesinc.com](http://www.usdrivesinc.com)

## AC Line Regen Module Specification

- § Turns Any Standard PWM AC Drive Into a Line Regenerative AC Drive
- § May Be Used With Any Manufacturers “Fixed Bridge” Type PWM AC Drive
- § Only Five Wires To Connect – Two DC Bus Leads and Three AC Power Leads
- § High Horsepower Applications up to 1750 HP
- § Absolutely No Set Up Is Required
- § Highest Efficiency – Better Than 99% Efficient
- § Automatic Fault Clearing
- § Phase Insensitive
- § Nema Type 1 Metal Enclosure (Reduces EMI)
- § Micro Processor Based Digital Control Circuitry
- § Surface Mount Printed Circuit Boards
- § Latest Generation IGBT Power Devices
- § Customer Inputs - Module Enable and Module Reset (jumpered for most applications)
- § Customer Output – Regen Module On – Form C Dry Contact rated 5 Amps at 115VAC
- § Meter Output Signal - Proportional To DC Regen Current
- § Line Voltage Surge Protection - Transients to 6000V - Meets IEEE C62.41-1991 Cat B
- § High Electrical Noise Immunity – Meets EN50082-1,2 – Showering Arc, 2000 V Peak
- § 55°C Maximum Ambient Temperature Rating
- § Indicating Light Emitting Diodes For:
  - Regenerative Module Active
  - Regenerative Module In Current Limit
  - Power Supply Status
  - D.C. Bus Charged
  - Over-Voltage
  - Under-Voltage
  - Instantaneous Over Current
  - Phase Loss
  - Over Temperature

**3 Year Warranty**

**Made In USA**